

JUSTIFICATION FOR SOLE SOURCE or BRAND NAME SPECIFIED
(Simplified Acquisitions <\$150K)

The service or material listed on NOV 16 15 2006 is sole source and competition
Document Number Select which is applicable (sole source or brand name)
is precluded for reasons indicated below. There are no substitutes available for this material or service.

Restricted to the following source. Provide original manufacturer or recommended sources that provide brand name. If a sole source manufacturer distributes via dealers, ALSO provide dealer information.

Manufacturer: Denton Vacuum, LLC

Manufacturer POC: Roger Hartman

Manufacturer Phone #: 800-666-6004

Mfr. Address: 1259 North Church St., Bldg. 3
Moorestown, NJ, USA 08057

City, State Zip

Dealer / Rep / Recommended Source: Same

Dealer / Rep / Recommended Source address: Same

City, State Zip

Dealer / Rep / Recommended Source Phone #: Same

- Description of the item or service required, the estimated cost, and required delivery date.

The item is a Vacuum Evaporation System.

- Specific characteristics of the material or service that limit the availability to a sole source / brand name (unique features, function of the item, etc.). Describe in detail why only this suggested source / brand name can furnish the requirements to the exclusion of other sources / brands.

It is proposed to replace a DV-502, which has been used extensively in the physics department for about 40 years, with a DV-502B, both made by Denton Vacuum (DV). A large number of peripherals are on hand. This includes evaporation sources and materials, sample masks and sample holders, all of which are designed for use in the DV-502 and can be used in the DV-502B. This equipment is tailor-made for the application required and does not include additional, unnecessary facilities, for example sputtering or e-beam deposition systems. The primary use of this equipment is in teaching midshipmen and the pyrex-glass bell jar is required for this application is standard for the DV-502B rather than an upgrade. The automatic lift for the bell jar provides additional safety and makes the equipment accessible to all midshipmen.

Denton Vacuum is a US company for which all equipment is built and serviced in the US, in particular it is based on the east coast with easy and economical access from USNA.

CHECK & FILL IN ALL APPLICABLE BLANKS BELOW

- ☐ The requested material or service represents the minimum requirements of the government.
- ☒ The material/service must be compatible in all aspects (form, fit and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect, or interface with the existing system.

At present we are using a DV502 that was built in 1971. Over the past 40 years auxiliary equipment and supplies have been purchased or constructed. This includes evaporation sources and materials, masks and sample holders. All must be useable by the new system.

- ☐ A patent, copyright or proprietary data limits competition. The proprietary data is:

- ☐ These are "direct replacements" parts/components for existing equipment.

Other information to support a sole source / name brand buy:

I CERTIFY THAT STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE, ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE / BRAND NAME JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Signature 

Title: 2/11/15

Activity Physics, U.S. Naval Academy

2/10/2015 Date

Contracting Officer Signature Catherine Purvis 4/17/15

Date 4/17/15
SAP Sole Source /Brand Name _____